TENNESSEE D.O.T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
RESURF.	2014	NH/HSIP-45(26)	2

REV. 03-24-14: CHANGED QUANTITIES ON ITEM NOS. 712-01 AND 717-01. MODIFIED ESTIMATED ROADWAY QUANTITIES BLOCK.

REV. 04-22-14: CHANGED QUANTITIES ON ITEM NOS. 712-01 AND 717-01.

ESTIMATED ROADWAY QUANTITIES

	ITEM NO.	DESCRIPTION	UNIT	19100-3211-94 QUANTITY	19100-8211-14 QUANTITY	TOTAL QUANTITY
(9)	303-01	MINERAL AGGREGATE, TYPE A BASE, GRADING D	TON		40	40
(1)	307-01.15	ASC MIX (PG64-22) (BPMLC-HM) GRADING CS	TON		500	500
	403-01	BITUMINOUS MATERIAL FOR TACK COAT (TC)	TON		50	50
(2)	411-02.10	ACS MIX(PG70-22) GRADING D	TON		7467	7467
(9)	411-12.02	SCORING SHOULDERS (NON-CONTINUOUS) (16IN WIDTH)	L.M.	0.45		0.45
	415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON		7812	7812
(10)	501-01	PORTLAND CEMENT CONCRETE PAVEMENT(REPLACEMENT)	S.Y.		25	25
	611-01.20	ADJUSTMENT OF EXISTING MANHOLE	EACH		10	10
	611-01.23	ADJUSTMENT OF WATER VALVE	EACH		8	8
(11)	611-09.02	REWORK CATCHBASIN	EACH		82	82
	701-02.01	CONCRETE HANDICAP RAMP (RETROFIT)	S.F.	450		450
(3)	712-01	TRAFFIC CONTROL	LS		0.34	0.34
	712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH		25	25
	712-05.01	WARNING LIGHTS (TYPE A)	EACH		4	4
(4)(5)	712-06	SIGNS (CONSTRUCTION)	S.F.		742	742
	712-08.03	ARROW BOARD (TYPE C)	EACH		2	2
	713-11.01	"U" SECTION STEEL POSTS	LB.	1750		1750
	713-16.20	SIGNS (R3-17 BIKE LANE)	EACH	18		18
	713-16.21	SIGNS (R3-17AP AHEAD)	EACH	2		2
	713-16.22	SIGNS (R3-17BP ENDS)	EACH	2		2
	713-16.23	SIGNS (W11-1 "FYG")	EACH	3		3
	713-16.24	SIGNS (W16-1P "FYG")	EACH	1		1
	713-16.25	SIGNS (D11-1 BIKE ROUTE)	EACH	20		20
	713-16.26	SIGNS (M6-4)	EACH	17		17
	713-16.27	SIGNS (M4-6 END)	EACH	2		2
	713-16.28	SIGNS (M6-6 R/L)	EACH	2		2
	713-16.29	SIGNS (R4-4)	EACH	3		3
	713-16.30	SIGNS (W11-2 PEDESTRIAN)	EACH	1		1
	713-16.31	SIGNS (W16-7P DIAGONAL ARROW)	EACH	1		1
	713-16.32	SIGNS (M7-1 R/L)	EACH	2		2
	713-16.33	SIGNS (M4-14 BEGIN)	EACH	1		1
	713-16.34	SIGNS (TN-21)	EACH	4		4
	713-16.50	REMOVE AND REPLACE SIGN (BIKE SIGNS)	EACH	5		5
	716-01.21	SNWPLWBLE PVMT MRKRS (BI-DIR)(1 COLOR)	EACH	325		325
	716-01.22	SNWPLWBLE PVMT MRKRS (MONO-DIR)(1 COLOR)	EACH	325		325
	716-02.04	PLASTIC PAVEMENT MARKING(CHANNELIZATION STRIPING)	S.Y.		100	100
(8)	716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.		600	600
(8)	716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH		45	45
(8)(12)	716-02.09	PLASTIC PAVEMENT MARKING (LONGITUDINAL CROSS-WALK)	L.F.		820	820
(8)	716-04.05	PLASTIC PAVEMENT MARKING (STRAIGHT ARROW)	EACH		10	10
(8)	716-04.12	PLASTIC PAVEMENT MARKING (YIELD LINE)	S.F.	36		36
(8)	716-04.15	PLASTIC PAVEMENT MARKING-BIKE SYMBOL/ARROW	EACH	50		50
(6)	716-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.		15.5	15.5
(6)	716-05.20	PAINTED PAVEMENT MARKING (6" LINE)	L.M.		3.5	3.5
	716-10.30	TRUNCATED DOME DETECTABLE WARNING MAT	S.F.	320		320
(7)	716-12.01	ENHANCED FLATLINE THERMO PVMT MRKNG (4IN LINE)	L.M.		15.5	15.5
(7)(13)	716-12.02	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN LINE)	L.M.	5	3.5	8.5
	716-12.03	ENHANCED FLATLINE THERMO PVMT MRKNG (8IN BARRIER LINE)	L.F.		700	700
(14)	716-12.05	ENHANCED FLATLINE THERMO PVMT MRKNG (6IN DOTTED LINE)	L.F.	2400	1100	3500
	730-14.02	SAW SLOT	L.F.		12000	12000
	730-14.03	LOOP WIRE	L.F.		26275	26275
	717-01	MOBILIZATION	LS		0.34	0.34

SIGNS (CONSTRUCTION) 712-06

QUANTITY	M.U.T.C.D. NO.	DESCRIPTION	SIZE	712-06 S.F.
2	G20-1	ROAD WORK NEXT 2.51 MILES	48 x 24	16
2	G20-2	END ROAD WORK	48 x 24	16
2	W20-1	ROAD WORK 1500'	48 x 48	32
2	W20-1	ROAD WORK 1000'	48 x 48	32
2	W20-1	ROAD WORK 500'	48 x 48	32
29	W20-1	ROAD WORK AHEAD	48 x 48	464
2	W20-4	ONE LANE ROAD 1000' - PORTABLE	36 x 36	18
2	W20-7a	FLAGGER SYMBOL - PORTABLE	36 x 36	18
2	W16-2	SUPPLEMENTAL PLATE	24 x 18	6
2	W21-2	FRESH OIL - PORTABLE	36 x 36	18
2	W21-5	SHOULDER WORK - PORTABLE	36 x 36	18
2	W8-9a	SHOULDER DROP-OFF - PORTABLE	36 x 36	18
6	W8-11	UNEVEN LANES - PORTABLE	36 x 36	54
		TOTAL S.F.		742

OTHER SIGNS, AS DIRECTED BY THE ENGINEER MAY BE REQUIRED DURING VARIOUS PHASES OF CONSTRUCTION AND WILL BE MEASURED AND PAID FOR AT THE UNIT BID PRICE. SEE CURRENT M.U.T.C.D. FOR STANDARDS AND TYPICAL APPLICATIONS.

FOOTNOTES

(1) TO BE USED AS DIRECTED BY THE ENGINEER FOR SPOT LEVELING.

(2) INCLUDES 295 TONS FOR RAMPS, COUNTY ROADS, BUSINESS ENTRANCES AND PRIVATE DRIVES. USE RIDEABILITY SPECIFICATIONSEE SPECIAL PROVISION NO. 411C, USE MATERIAL TRANSFER DEVICE, SEE SPECIAL PROVISION NO. 407G AND SPECIAL PROVISION NO. 407SE.

(3) THE CONTRACTOR SHALL COMPLY WITH SECTION 712 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION REGARDING TEMPORARY TRAFFIC CONTROL AND THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

(4) SEE SIGN TABULATION BLOCK THIS SHEET FOR DETAILS.

(5) IN THE EVENT THAT A CONSTRUCTION AND/OR REGULATORY SIGN IS TEMPORARILY DESIGNATED NOT IN USE DURING THE CONSTRUCTION PHASE OF A PROJECT, THE CONTRACTOR SHALL CHOOSE A SIGN COVERING METHOD FROM A DESIGNATED LIST OF METHODS ACCEPTED BY THE DEPARTMENT. SAID SIGN COVERING METHOD SHALL BE SELECTED FROM QUALIFIED PRODUCTS LIST 10, SECTION D OR APPROVED BY THE DIVISION OF MATERIALS AND TEST AND SHALL BE USED TO COVER THESE SIGNS. NO OTHER METHOD FOR SIGN COVERING WILL BE ALLOWED. TEMPORARY SIGN COVERINGS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE PRICE BID FOR ITEM NO. 712-06, SIGNS (CONSTRUCTION) PER SQUARE FOOT.

(6) QUANTITY BASED ON EXISTING PAVEMENT MARKING AND EDGELINE. TO BE USED ON THE COLD PLANED SURFACE ONLY.

(7) QUANTITY BASED ON EXISTING PAVEMENT MARKING AND EDGELINE. TO BE USED ON THE FINAL SURFACE ONLY.

(8) THE CONTRACTOR MAY ELECT TO SUBSITUTE PREFORMED PLASTIC FOR THERMOPLASTIC. PREFORMED PLASTIC SHALL BE PAID FOR AT THE SAME UNIT PRICE AS BID FOR THERMOPLASTIC.

(9) TO BE USED AT L.M. 5.62 TO L.M. 5.92 AS DIRECTED BY THE ENGINEER.

(10) TO BE USED FOR CONCRETE REPAIR @ WHITE TOPPING AS DIRECTED BY THE PROJECT ENGINEER.

(11) INCLUDES FURNISHING AND INSTALLING TYPE "B" GRATES AND INSTALLING TO ELEVATION MATCHING NEW PAVEMENT.

(12) TO BE USED FOR BIKEWAY IMPROVEMENTS.

(13) INCLUDES 5 L.M. TO BE USED FOR BIKEWAY IMPROVEMENTS.

(14) INCLUDES 2400 L.F. TO BE USED FOR BIKEWAY IMPROVEMENTS.

HANDICAP RAMPS

LOCATION	REPAIR	NEW	STD. DWG.	QUANTITY 701-02.01 (S.F.)	QUANTITY 716-10.30 (S.F.)
ARTA AVE	2		RP-H-3		16
CEDAR HILL PARK	2		RP-H-3		16
PORT DR	2		RP-H-3		16
NESBITT LN	2		RP-H-3		16
BOYDS HILLTOP DR		1	RP-H-7	90	
HEAD DR	2		RP-H-3		16
SOUTH GRAYCROFT	2		RP-H-3		16
NORTH GRAYCROFT	2		RP-H-3		16
WEST MARTHONA	2		RP-H-3		16
NORTH MARTHONA	2		RP-H-3		16
EAST MARTHONA	2		RP-H-3		16
RONNIE RD	2		RP-H-3		16
HERITAGE DR	4	1	RP-H-3, RP-H-7	90	32
HICKORY CHASE DR	2		RP-H-3		16
GRAY AVE	2		RP-H-3		16
DONNA DR	2		RP-H-3		16
WALKER ST	1	1	RP-H-3, RP-H-7	90	8
GIBSON DR	2		RP-H-3		16
STRATTON SCHOOL	2		RP-H-3		16
PEGGY ST	2		RP-H-3		16
DOUGLAS AVE	1		RP-H-3		8
LINCOLN PARK		2	RP-H-7	180	
TOTAL				450	320

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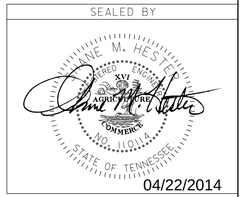

04/22/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ESTIMATED ROADWAY QUANTITIES

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